Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 14 Oct 2023 until 23:59 on Sunday 15 Oct 2023

Forecast Issued on Friday 13 Oct 2023 at 11:16

Confidence: High for a transition to much colder and fresher conditions this weekend and for increasingly sunny/clear skies from Sunday with lighter winds. Moderate for shower detail Saturday with risk of wintry precipitation at higher elevations.

Headline for Saturday 14 Oct 2023: Sunshine and showers, perhaps wintry at height. Rather breezy and feeling colder.

Mountain weather hazards on Saturday 14 Oct 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Light rain showers (night)	Light rain showers	Light rain showers	Light rain showers	Light rain showers	Light rain showers (night)	Partly cloudy (night)
Precipitation probability							
30%	30%	30%	30%	30%	40%	30%	20%

Forecast for Saturday 14 Oct 2023

Weather: Remaining breezy overnight, with occasional clear spells and some short-lived showers, these mainly in the west. By day, a mix of bright or sunny spells and cloudier periods with a scattering of showers. Showery outbreaks heavier and more frequent in the west, easing through the late afternoon with skies clearing in the east. Feeling colder, with a potentially wintry mix, including soft hail, to showers across higher routes as the freezing level lowers. Generally light winds at low-levels but occasionally breezy at higher elevations.

Chance of cloud-free hill tops above 600m: 70%, but above 90% in the east.

Low cloud and visibility: Excellent visibility outside of cloud with distant hills clearly visible. Visibility briefly falling to moderate in showers, very poor in wintry showers. Cloud with bases infrequently lowering to 600m mainly as showers push through.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Saturday 14 Oct 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/26 W	17/25 W	14/20 W	12/18 W	14/22 W	15/23 W	13/19 W	12/18 W	10/16 W
300	13/21 W	12/20 W	10/16 W	10/16 W	12/19 W	12/19 W	9/15 W	8/15 W	7/13 W
Valley	8/20 W	8/19 W	6/14 W	7/13 W	10/19 W	9/18 W	6/14 W	6/14 NW	5/11 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-0	4/-1	3/-2	4/-1	5/1	4/-1	3/-2	2/-2	2/-3
300	7/4	7/3	6/2	6/3	8/4	7/3	6/2	5/2	4/1
Valley	8/5	7/4	6/4	7/5	9/6	8/5	6/4	5/3	4/2
Freezing Level*	1200m	1100m	1000m	900m	1000m	1000m	1000m	900m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Recent heavy rain is likely to result in many wet or slippery surfaces, with some lower watercourses likely above usual volumes. There is a risk of severe wind chill across the highest summits and routes. Passing wintry showers on the highest routes could quickly deteriorate visibilities, becoming locally poor or very poor, though should be short-lived.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 13 Oct 2023	N/A	N/A	N/A

Forecast for Sunday 15 Oct 2023

Weather: Dry and largely clear but cold overnight with some frost forming in valleys and on higher routes. Some patchy cloud developing on western slopes for a time. During the day, mostly sunny with winds falling light. Remaining fine and clear through the evening.

Maximum wind: Northwesterly 10-15mph, with gusts up to 20mph.

Chance of cloud-free hill tops above 600m: Generally greater than 95%, but 80% in the west during the early hours of Sunday.

Low cloud and visibility: Widely excellent visibility with distant hills clearly visible. Visibility locally poor or very poor early Sunday in any early cloud on western slopes.

Temperature: **Valleys:** Around Zero Celsius rising to plus 10 Celsius.
At 600m: Plus 01 Celsius rising to plus 05 Celsius.
Freezing level: Above summits.

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